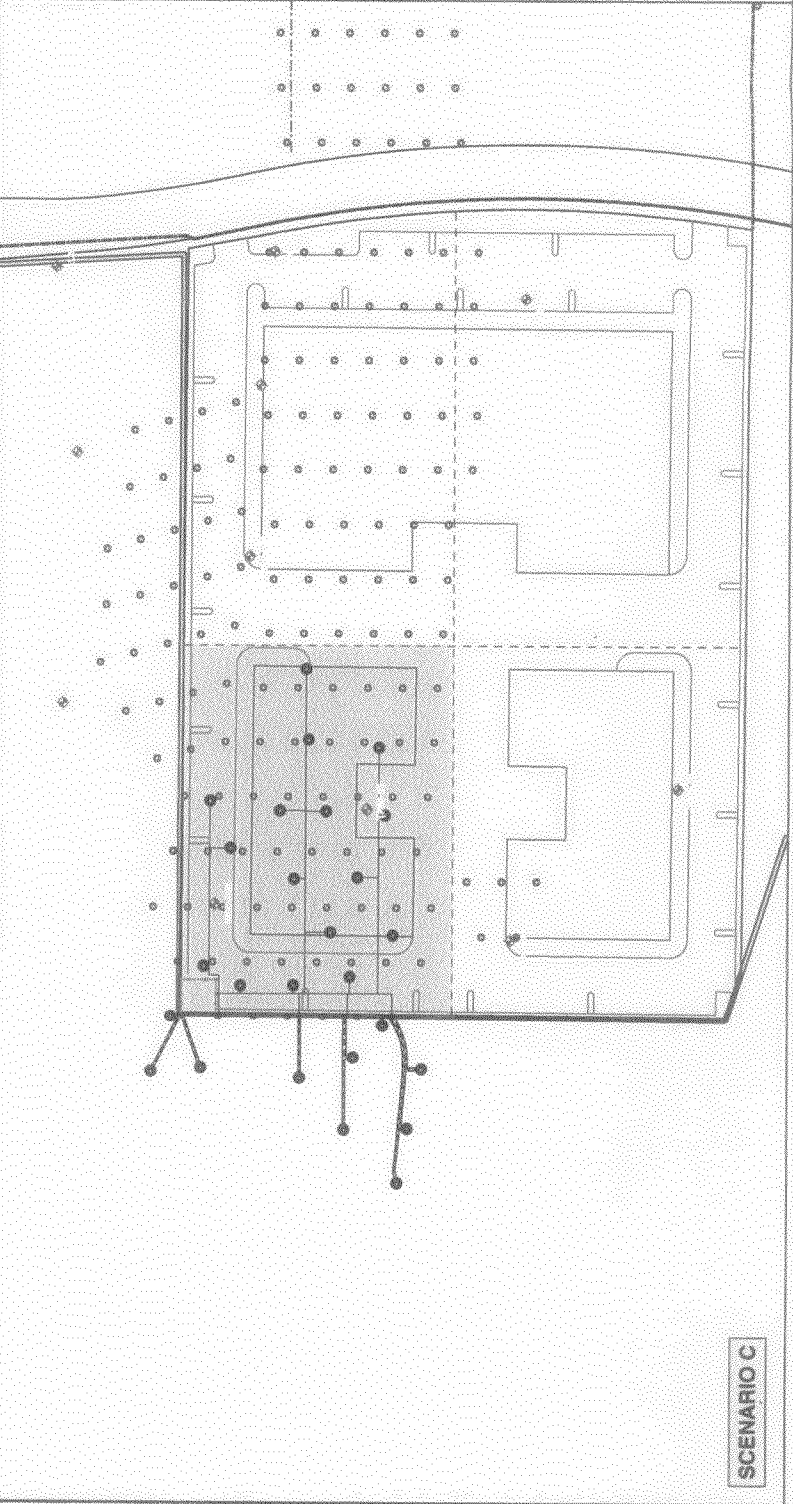
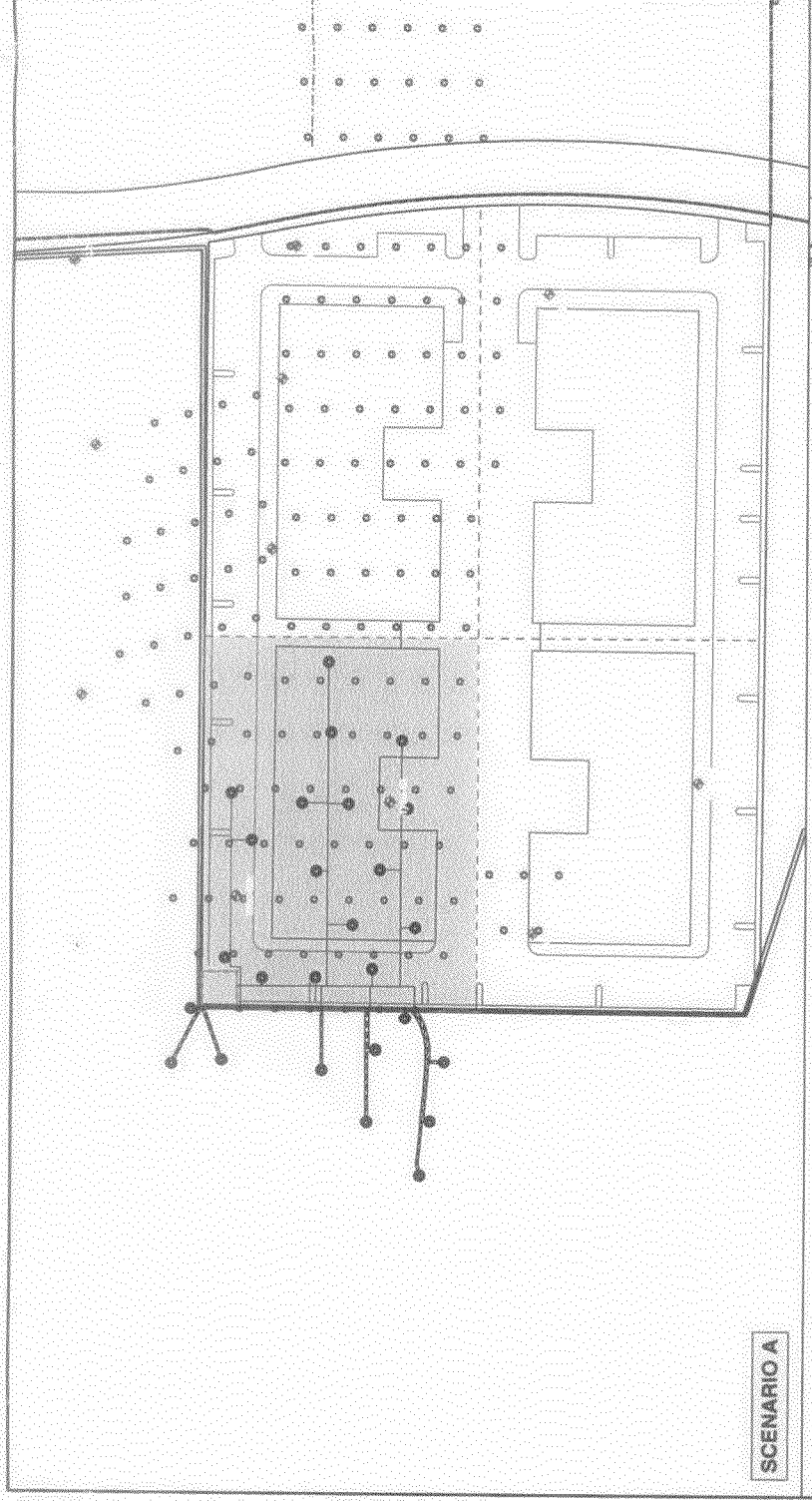
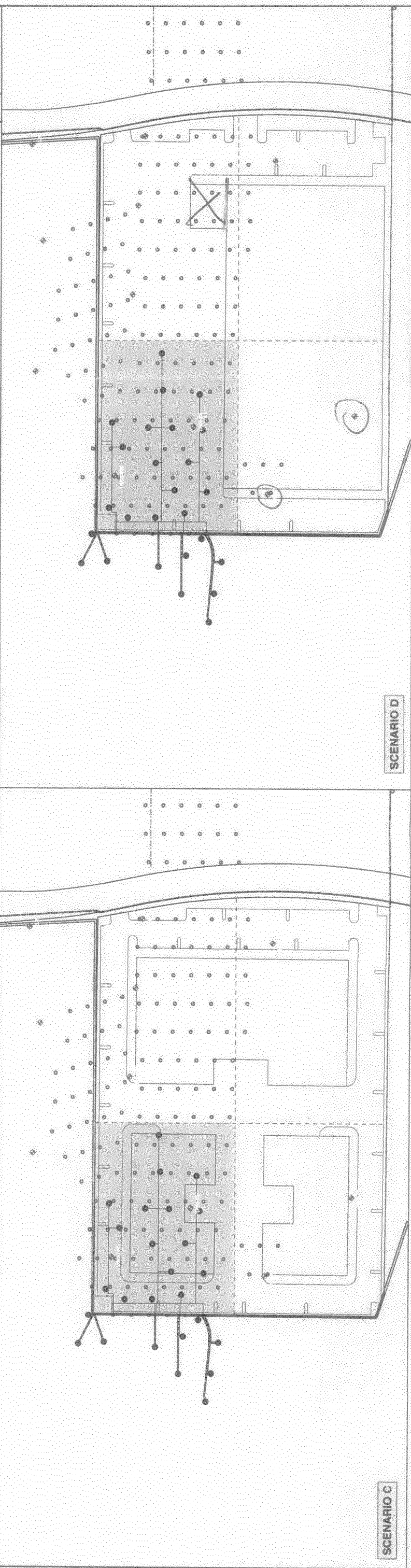
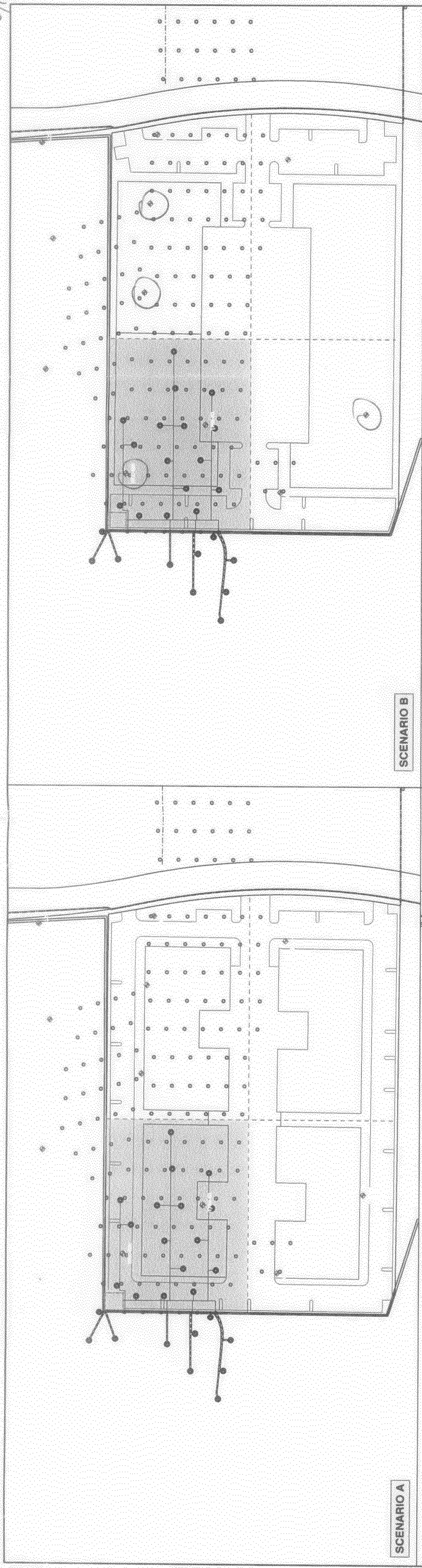


SW  
12/18



**LEGEND**

- Vapor Extraction Well
- Proposed Bioremediation Well
- Groundwater Monitoring Well Location

51 ft  
3-5 ft

Building Outline  
Parking Lot  
Shaded Area is Northeast Quadrant

**HALEY & ALDRICH**

BOEING REALTY CORPORATION  
FORMER C-6 FACILITY  
LOS ANGELES, CA

**LOT 8 REDEVELOPMENT  
AND REMEDIATION  
INFRASTRUCTURE SCENARIOS**

SCALE AS SHOWN

DECEMBER 2003

50  
12/15

Options	Construction Assumptions	Advantages	Disadvantages	BRC Redevelopment Scenario			
				A	B	C	D
Cost for remediation infrastructure buildings on the NW, SE, and SW quadrants.							
	* Includes Development of SE, NE, and NW quadrants with buildings. * Includes sub-slab remediation infrastructure costs for SE, NE and NW quadrants.	N/A	N/A	\$260,987	\$250,146	\$261,770	\$248,047
Option 1, NE Quadrant (Fenced Dirt Lot; Base Case)							
	* NE quadrant graded with the rest of the lot. * NE quadrant fenced off. Quadrant remains a dirt lot. * All Environmental infrastructure completed above grade. * Year 5 - remove SVE wells, grade and install Post-SVE Bio Option.	* Allows for verification of Bio system performance and adjustment prior to burial. * Lowest cost option. * Maximum flexibility for future environmental work (additional wells, closure borings, waste storage, etc.). * Reduces/minimizes the need for SVE contingency wells. * Allows for direct verification of SVE completion through soil sampling. * Minimize SVE system down time. * Should result in lowest possible SVE costs.	* No rental income from property. * Not visually attractive to new owners/tenants on other redeveloped quadrants (fenced off dirt lot). * Requires SVE well abandonment and replacement for grading.	\$48,000	\$48,000	\$48,000	\$48,000
	Initial Cost (Base + Option 1; Years 0 to 5)			\$308,987	\$298,146	\$309,770	\$296,047
	Additional Cost, Upon SVE Completion (Year 5?)			\$218,422	\$228,580	\$218,422	\$222,351
	Total Cost (initial cost + additional cost)			\$527,409	\$526,726	\$528,192	\$518,398
Option 2, NE Quadrant (Parking Lot)							
	* NE quadrant graded with the rest of the lot. * NE quadrant paved for use as parking lot until SVE completion (5+ years). * Existing SVE and groundwater monitoring wells to be abandoned prior to grading and re-installed. * SVE piping completed below grade/pavement. Installed below grade for parking lot use only, no building. * No sub grade/pavement bioamendment piping. Each bio well completed in a separate road box.	* Allows for verification of Bio system performance and adjustment prior to burial. * Can be used for tenant parking - rental income. * Moderate to high flexibility for future environmental work. * Reduces/minimizes the need for SVE contingency wells. * Allows for direct verification of SVE completion through soil sampling. * Allows for 5+ years of parking rent over Option 1.	* Limited rental income potential - parking only. * No sub-pavement bio piping - will require the parking lot, or portions thereof, to be shut down for 2-3 weeks per injection event likely 2-3 events per year (4-9 weeks per year). * Potentially higher O&M costs over sub-grade piping due to extra labor for connecting wells with above ground hoses during injection events. * Still requires underground Bio piping to be installed prior to building construction (Post-SVE Bio Option) at 5+ years. * Requires that SVE wells be abandoned prior to parking lot construction and re-installed.	\$172,670	\$172,670	\$172,670	\$172,670
	Initial Cost (Base + Option 2; Years 0 to 5)			\$433,657	\$422,816	\$434,440	\$420,717
	Additional Cost, Upon SVE Completion (Year 5?)			\$218,422	\$228,580	\$218,422	\$222,351
	Total Cost (initial cost + additional cost)			\$652,079	\$651,396	\$652,862	\$643,068
Option 3, NE Quadrant (Building)							
	* NE quadrant developed with building now. * SVE and groundwater wells to be abandoned prior to grading and re-installed. * SVE and bio piping installed below grade/building slab.	* Quadrant can be developed immediately for sale or tenant lease. * Visually attractive to owners or tenants of other developed lots. * Highest income value to off-set remediation costs. * Potentially lowest O&M cost - minimal injection event set-up locations.	* Low flexibility for future environmental work - difficult to drill through new building slabs to modify remediation systems if needed. * Requires addition of contingency SVE and Bio wells that may not be needed (additional cost).	\$439,400	\$459,818	\$446,730	\$453,617
	Total Cost (Base + Option 4)			\$700,386	\$709,964	\$708,500	\$701,664

done  
paved